

DWeb Weekend 2025 - Saturday 8/16/2025

Roundtable Discussion 3.5

Title: *Decentralized Deployment*

Time: 15:30 - 16:15

Attendees: X, Y

Note taker: Z

Please add your /initials/ at the front of a comment

General Notes

- Self hosting software is too hard
- Centralized app stores
- Web vs. native deployment
- Browsers adopting dweb primitives
 - smoke and mirrors it turns out, such as libdweb
- WebTransport: there's hope!
- Agregore: Fork of Chromium
- More secure usage of applications
 - Fine grained capabilities
- JS ShadowRealm <https://github.com/tc39/proposal-shadowrealm> (<https://github.com/tc39/proposal-shadowrealm>)
- WebAssembly
- Secure UIs
- "Web tiles" from Protocol Labs
- WebView apps
- Seed box UX

- 1-click relay setup
- Sharing apps without gatekeepers, curators
- Patchwork SSB client
- Homebaked apps, barefoot developer
- Fine grained access control to make apps less scary to run
 - I shouldn't have to give the app access to my entire contact list
- Secure Render
- Dolt: simpler to deal with databases, easier for self hosting; transactional upgrades
- Need data layers that are easy to deal with for users with little time/interest in maintaining it

Summary to be reported to the other DWeb Weekend participants

- how do we get software to users so it's easy to try? Deploying to the web feels essential for adoption because clicking on a URL is easy, but once their in the door maybe we can guide them to more featureful desktop/mobile apps.
- self-hosting is too hard right now! But p2p is when everyone self-hosts, so we need it to be easy! users shouldn't have to know anything about a database migration! It's easier to deal with a SQLite file than a PostgreSQL server.
- sharing software should be easy! we need secure runtimes that allow us to safely run untrusted code, with fine-grained access control (JS ShadowRealms and WebAssembly)
- the software supply chain is tailored to large-scale commercial deployment, but we need software that scales down! smaller dependency graphs, less resource usage, cozy software!
- PeerOps, not DevOps!

name of the reporter

